

What is claimed is:

1. A method for modifying a chromosome in a yeast comprising:
  - preparing a linear chromosome splitting vector (1) having a target sequence (a), a marker gene sequence and  $(C_4A_2)_n$  sequence (a) in this order;
  - preparing a linear chromosome splitting vector (2) having a target sequence (b), a centromere sequence of a yeast chromosome and  $(C_4A_2)_n$  sequence (b) in this order; and
  - introducing the chromosome splitting vectors (1) and (2) into a yeast,wherein n is each independently an integer of 6 to 10.
2. The method according to claim 1, wherein the chromosome splitting vectors (1) and (2) are vectors obtained by PCR.
3. The method according to claim 1, wherein n of both  $(C_4A_2)_n$  sequences (a) and (b) is 6.
4. The method according to claim 2, wherein n of both  $(C_4A_2)_n$  sequences (a) and (b) is 6.
5. The method according to claim 1, wherein modification of chromosome is caused by splitting and/or loss of a yeast chromosome.
6. The method according to claim 2, wherein modification of chromosome is caused by splitting and/or loss of a yeast chromosome.
7. The method according to claim 3, wherein modification of chromosome is caused by splitting and/or loss of a yeast chromosome.